

Title (en)

Pressure generating device for beverage dispensing system

Title (de)

Druckerzeugungsvorrichtung für Getränkeausgabesystem

Title (fr)

Dispositif de génération de pression pour système de distribution de boissons

Publication

EP 2184259 A1 20100512 (EN)

Application

EP 08388041 A 20081105

Priority

EP 08388041 A 20081105

Abstract (en)

The present invention relates to a CO₂-generatin device for use with a beverage included in a beverage container or beverage dispensing system, in particular a draught beer system. The CO₂-generating device comprises a CO₂-generatin chemical system including two distinct chemical compounds constituting a first chemical compound and a second chemical compound for generating CO₂ through chemical reaction when mixed together. The CO₂-generatin device further defines a pre-activation stage in which the first and second chemical compounds are being stored separately relative to one another, and a post-activation stage, in which the first and second chemical compounds are being at least partially mixed together.

IPC 8 full level

B67D 1/04 (2006.01); **B01J 7/02** (2006.01)

CPC (source: EP)

B67D 1/0412 (2013.01); **B67D 1/0443** (2013.01); **B67D 2001/0092** (2013.01)

Citation (applicant)

- WO 2007019848 A2 20070222 - CARLSBERG BREWERIES AS [DK], et al
- WO 2007019849 A2 20070222 - CARLSBERG BREWERIES AS [DK], et al
- WO 2007019850 A2 20070222 - CARLSBERG BREWERIES AS [DK], et al
- WO 2007019851 A1 20070222 - CARLSBERG BREWERIES AS [DK], et al
- WO 2007019853 A2 20070222 - CARLSBERG BREWERIES AS [DK], et al
- EP 1737759 A1 20070103 - HUBER VERPACKUNGEN GMBH & CO K [DE]
- EP 1170247 A1 20020109 - HEINEKEN TECH SERVICES [NL]

Citation (search report)

- [XY] EP 0372569 A2 19900613 - COCA COLA CO [US]
- [X] WO 9200802 A1 19920123 - COCA COLA CO [US]
- [X] US 4040342 A 19770809 - AUSTIN ROBERT ROY, et al
- [X] US 5350587 A 19940927 - PLESTER GEORGE [DE]
- [DYA] WO 2007019853 A2 20070222 - CARLSBERG BREWERIES AS [DK], et al
- [PDA] WO 2008000272 A2 20080103 - CARLSBERG BREWERIES AS [DK], et al
- [A] US 5549037 A 19960827 - STUMPHAUZER WILLIAM C [US], et al

Cited by

DE102017101149B3; CN102971230A; CN102971221A; NL2006197C2; WO2011157786A1; CN108473298A; WO2011152715A1; WO2011152716A3; WO2011157735A2; EP2196752A1; EP2397796A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2184259 A1 20100512; EP 2373570 A1 20111012; WO 2010052268 A1 20100514

DOCDB simple family (application)

EP 08388041 A 20081105; EP 09745068 A 20091105; EP 2009064675 W 20091105